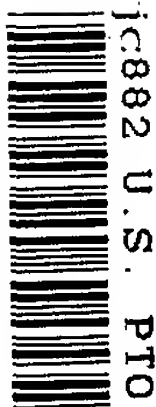


01/16/02



J1002 U.S. PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 30540/241132

First Inventor or Application Identifier: Dausch

Title of Invention: MINATURE ELECTRICAL RELAYS USING
A PIEZOELECTRIC THIN FILM AS AN ACTUATING
ELEMENT, AND METHODS OF FABRICATING SAME

Express Mail Label No. EL 928 376 555 US

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10/053439

01/16/02

ADDRESS TO: **BOX PATENT APPLICATION**
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Transmitted herewith for filing in the United States Patent Office is a patent application for:

Inventors: David E. Dausch & Gary E. McGuire

Assignee of this invention is MCNC

1. ☒ The Filing Fee has been calculated as shown below:
2. ☒ Applicant claims Small Entity Status. See 37 CFR 1.27.

	No. Filed	No. Extra	Small Entity Rate Fee 1	Large Entity Rate Fee 0
BASIC FEE			\$370	\$0
TOTAL CLAIMS:	18 - 20 =	0	X 9 = \$0	x 18 = \$0
INDEP CLAIMS:	3 - 3 =	0	X 42 = \$0	x 84 = \$0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+140 = \$	+280 = \$
*If the difference in Column 1 is less than zero, enter "0" in Column 2.			TOTAL \$ 370	TOTAL \$

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Acct. No. 16-0605.

- a. ☒ Fees required under 37 CFR 1.16 (National filing fees).
- b. ☒ Fees required under 37 CFR 1.17 (National application processing fees).
- ☒ A check in the amount of \$ 370.00 for the filing fee is enclosed.
- ☐ The above filing fee will be paid along with Applicant(s) Response to the Notice to File Missing Parts.
3. ☒ Specification; Total Pages 17 (copy from parent application)
4. ☒ 2 Sheets of Drawing(s) (35 USC 113)
5. ☒ Declaration and Power of Attorney; [Total Pages 3]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) & 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy (CRF)
 - b. ☐ Request for Transfer of Computer Readable Form of Sequence Listing under 37 CFR § 1.821(e) and MPEP 2422.05 (must be compliant with new rules)
 - c. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper (___ Pages)
 - d. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 9. ☐ Assignment Papers (cover sheet & document(s) (including a check for the \$40.00 fee)
- 10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee); ☐ Power of Attorney
- 11. ☐ English Translation Document (if applicable)
- 12. ☒ Information Disclosure Statement (IDS)/PTO-1449
- 13. ☒ Preliminary Amendment
- 14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- 15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
☐ Foreign Priority is claimed as Application No. _____, filed _____
- 16. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).
Applicant **must** attach form PTO/SB35 or its equivalent.
- 17. ☐ Request for Early Publication Under 37 CFR § 1.219. Fee of \$300.00 is enclosed.
- 18. **If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:**
 - ☒ Continuation ☐ Divisional ☐ Continuation in Part (CIP)of prior Application No: 09/448,080; Filed November 23, 1999

Prior Application Information: Examiner Budd, M. Group/Art Unit: 2834

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. **CORRESPONDENCE ADDRESS** **CUSTOMER NUMBER 00826**

Signature: _____

Attorney/Agent of Record: Malvern U. Griffin, III

Attorney/Agent Registration No. 38,899

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"Express Mail" mailing label number EL 928 376 555 US

Date of Deposit January 16, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

Laisha Richardson
Laisha Richardson

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

01/28/2002 NMDHANW1 00000251 10053439

01 FC:201

370.00 OP

PTO-1556
(5/87)

*U.S. GPO: 2000-468-987/39595